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AllerAir Industries

The **NEW GENERATION** of Environmentally Friendly **Air Purification Systems**

SPECIAL CONFIGURATION

- Military maintenance establishments
- Military firearm production establishments
- Leather factories
- Building technologies
- Building automation

Regular and military configures

AIR DEFENDER 2500

REGULAR CONFIGURATION

- Chemical industries
- Plastic industries
- Paint industries
- Laboratories
- Many other applications

88 lbs. of carbon / 1450 CFM
Unit dimension.
(dim. 27.6" x 59" x 78.7")
(dim. 700 mm x 1500 mm x 2000 mm)

Our **Indoor Air Quality System** (IAQS) ensures the air you breathe inside is actually cleaner than the air outside.

CSQ IQNet UNI EN ISO 9001

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AllerAir Industries
Military Division
designed in Italy

Dec.15.04

ALLERAIR INDUSTRIES INC. Toll free; 1-888-852-8247 / Fax; (450) 688-3939 www.allerair.com
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AllerAir Industries

AIR DEFENDER 2500

Environmentally purified

The Air Defender 2500 is suitable for different uses in the industrial, military and environmental sectors. This unit removes powders, fumes, odors, solvents and gases from the air. Suitably equipped, this unit is also employed in laboratories where missile and land mine maintenance is carried out. Due to the destruction of antipersonnel mines or in factories where purification of trinitrotoluene powders.

Code	Description
902011164	Air Defender 2500 Military (dim. 27.6" x 59" x 78.7") (dim. 700 mm x 1500 mm x 2000 mm)

Spare parts	
Synthetic Filters (Pre-filter + filter)	(3 months)
Filter HEPA H 13	(9 months)
Activated carbon filter (88 lbs.)	(12 months)
Metal mesh filter	(3 months)
Corrugated filter	(3 months)

Technical characteristics		
Weight (including carbon)	lbs.	1067
Air capacity	CFM	1470
Activated carbon	lbs.	88
Electrical energy required	HP	1.5 HP
Motor rev.	RPM	1450

Options for the Air Defender 2500 (on request)

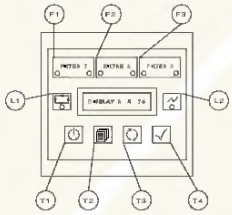
Code	Description
ADP 01	Control panel (Air purification panel)
PHI TUV11	Germicidal lamp
TLC DE01	Remote control with receiver on board
D8 RLQ	Air quality sensor (for machine auto-start)
BSM 01	Articulated lever with metal hood
BST 02	Articulated lever with transparent hood
QD AST	Sparkproof panel

Optional control panel unit

Air purification control panel option

The air purification control panel ensures a better operating control of the units main functions.

Weekly starting / stopping can be programmed • Filter operating hours can be verified as well as the remaining operating hours • Filter pressure can be verified • Fan's total operating hours can be verified • Unit starting / stopping by means of the air quality feeler (optional) • UV germicidal lamp notification



The control panel was designed in order to control the main functions of the purification system unit.

This electronic control card assures that the unit is functioning properly by scheduling fan's starting operation, controlling the filters and UV lamp usage.

The control panel also allows easy and fast visibility to view the units condition.

Control buttons:

- Four key buttons: T1, T2, T3, T4.
- Two LED lights for unit function: L1, L2.
- Tree labels representing the filters: F1, F2, F3, each of them having two LED lights. (Green & Red)
- A LCD display screen 2 x 16 cm.

The control panel also displays the air quality and enables you to start the fan depending on air pollution.

The control panel can read sensors placed on the filters inlet and the other placed on the outlet, in order to check by comparison the filter's saturation.

Weekly starting can be programmed / Remaining filter functioning hours can be viewed / Fan's total functioning hours can be viewed.

An exceptional machine for investing in health.

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AIR DEFENDER 2500

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